



QC ABSTRACT

NAME OF WORK: Providing Grill work to park in Chowdeshwari ward no:02 of Yelahanka Sub Division

SL NO	Item Of Work	Name of Test	Frequency of Test/Quantity	Executed Quantity	Number of Tests Required	Number of Tests Conducted
Materials						
1	Cement	Fineness by dry sieving	One Test		1	1
		Fineness by Air permeability method	One Test		1	1
		Density	One Test		1	1
		Standard Consistency	One Test		1	1
		Initial Setting time	One Test		1	1
		Final Setting time	One Test		1	1
		Soundness (Le Chatelier's Method)	One Test		1	1
		Compressive Strength	One Test		1	1
2	Coarse aggregate(40 mm down size)	SIEVE ANALYSIS	One Test		1	1
		Flakiness Index	One Test		1	1
		Elongation Index	One Test		1	1
		Specific Gravity	One Test		1	1
		Bulk Density(Loose)	One Test		1	1
		Bulk Density(Compacted)	One Test		1	1
		Water Absorption	One Test		1	1
		SIEVE ANALYSIS	One Test		1	1
3	Coarse aggregate(20 mm down size)	Flakiness Index	One Test		1	1
		Elongation Index	One Test		1	1
		Specific Gravity	One Test		1	1
		Bulk Density(Loose)	One Test		1	1
		Bulk Density(Compacted)	One Test		1	1
		Water Absorption	One Test		1	1
		Aggregate crushing Value	One Test		1	1
		Aggregate Impact Value	One Test		1	1
4	Fine aggregate	SIEVE ANALYSIS	One Test		1	1
		Water Absorption	One Test		1	1
		Specific Gravity	One Test		1	1
		Material finer than 75 micron	One Test		1	1
5	PCC(M15)	Compressive Strength(7days and 28days)	1 set /1-5 cum	0.45	2	2
6	WMM	Sieve Analysis	One Test		1	1
		Impact Value	One Test		1	1
		Flakiness Index	One Test		1	1
		Elongation Index	One Test		1	1
7	Paver Block	Compressive Strength	One Test		1	1
		Water Absorption	One Test		1	1
		Average Thickness	One Test		1	1
8	Chain Link Fencing	Dia of line wire	One Test		1	1
		Mesh size	One Test		1	1
		Nominal dia of mesh wire	One Test		1	1
		Bend Test	One Test		1	1
9	M.S Block Pipe	Yield Stress	One Test		1	1
		Tensile Strength	One Test		1	1
		Elongation Percentage	One Test		1	1
		Weight/Meter	One Test		1	1
10	M.S. Rectangular pole	Yield stress	One Test		1	1
		Tensile Strength	One Test		1	1
		Elongation Percentage	One Test		1	1
		Bend Test	One Test		1	1



Format No: CP/TF/01

TEST REPORT ON COARSE AGGREGATES

Lab ID : CP-2021-10-01-42

Date: 02-08-21

PHYSICAL PROPERTIES

Sl.no	Tests	Result	Requirements as per IS:383-2016
1	Flakiness Index(%)	12.3	Combined Flakiness & Elongation Index Shall not Exceed 40% for Uncrushed & Crushed Aggregate
2	Elongation Index(%)	11.5	
3	Specific Gravity	2.68	—
4	Bulk Density(Loose) (Kg/l)	1.56	—
5	Bulk Density(Compacted) (Kg/l)	1.59	—
6	Water Absorption(%)	0.21	—

* The results obtained are satisfactory as per standard requirements.

Note:

The results pertain to the samples received and tested.

All information furnished by Customer/Representative

Any correction in the report will make this report invalid

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Samples will be disposed after 30 days from the date of issue of test certificate

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R KARTHIK RECHAN
Authorized Signatory
Quality Manager

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****End of Report****



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4, 7TH MAIN MALLESWARAM, BANGALORE -3

Certificate No.: TC-5548

CEMENT CONCRETE PRECAST CONCRETE BLOCKS FOR PAVING

Lab ID : CP-2021-10-01-42 Date: 04-08-21
Customer : Assistant Executive Engineer, Yelahanka Sub Division, BBMP, Bangalore.
Address : Yelahanka Sub Division, BBMP, Bangalore.
Project Name : Providing Grill work to park in Chowdeshwari ward no:02 of Yelahanka Sub Division
Agency : Sri.S.Somashekar, No:15/44/1, Allalasandra, GKVK Post, Bangalore-65
Customer Reference : BBMP/EE/YNK.D/EPMT-16/W.O/12/2020-21
Source of Sample : Sample supplied by Agency
Sample Condition : Satisfactory
Date of Receipt : 30-07-21
Sample Type/ Size : Precast concrete blocks for paving
Reference to BIS codes : IS 15658:2006
Date of test : 30-07-21

1. Compressive Strength

Sl.No.	Dimension (mm)			Compressive Strength	Average
	L	B	T	(N/mm ²)	(N/mm ²)
1	197.22	159.88	60.99	27.5	27.6
2	198.48	159.64	60.25	27.8	
3	199.54	159.54	60.48	27.5	
4	197.68	159.22	60.55	27.5	
5	198.11	159.87	60.32	27.8	
6	198.18	160.02	60.11	27.4	
7	198.45	158.99	60.98	27.2	
8	197.22	159.22	60.12	27.8	

2. Water Absorption

Sl.No.	Wet Weight	Dry weight	Thickness	Water Absorption (%)	Average (%)
1	4.987	4.828	60.85	3.29	3.64
2	4.898	4.721	60.22	3.75	
3	4.988	4.802	60.44	3.87	

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End of Report

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HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL | ENVIRONMENTAL
WATER TESTING | GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES

**TEST REPORT OF AGGREGATE IMPACT VALUE****IS: 2386 Part IV**

Lab ID : CP-2021-10-01-42 Date: 22-08-21

Customer : Assistant Executive Engineer, Yelahanka Sub Division, BBMP, Bangalore.

Address : Yelahanka Sub Division, BBMP, Bangalore.

Project Name : Providing Grill work to park in Chowdeshwari ward no:02 of Yelahanka Sub Division

Agency : Sri.S.Somashekar, No:15/44/1, Allalasanra, GKVK Post, Bangalore-65

Customer Reference : BBMP/EE/YNK.D/EPMT-16/W.O/12/2020-21

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 20-08-21

Type of Mix : Coarse Aggregate for WMM (Wet Mix Macadam)

Date of Test : 20-08-21

Sl.No	Particulars of observations	Index	TEST 1	TEST 2
1	Total weight of the surface dry sample sample (passing 12.5 mm and retained on 10mm sieve)	A	300.2	300.2
2	Weight of fraction passing 2.36mm sieve After giving 15 blows	B	73.9	74.0
3	weight of fraction retained 2.36mm sieve After giving 15 blows	C	225.9	225.8
4	Total weight of (B+C) is less than the initial weight (Weight A) by more than one gram the result shall be discarded and a fresh test made.	A-(B+C)	0.4	0.4
5	Aggregate impact value	(B/A)*100	24.6	24.7
6	Aggregate impact value (Mean of two tests)	Percentage	24.6	

* The results obtained are satisfactory as per standard requirements.

Note:-

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Signature



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